# **TABLE OF CONTENTS**

Current through Change Notice 02-037 Issued 10/18/02 Table of Contents

PART

**CHAPTER** 

0000 NRC Inspection Manual<sup>1</sup>

0030

Policy and Guidance for Development of NRC Inspection Manual Programs 04/30/97 (97-005) Preparing, Revising, and Issuing Documents for the NRC Inspection Manual 08/16/01 (01-015) 0040

0100 Program Responsibilities

Oversight and Objectivity of Inspectors and Examiners at Reactor Facilities 03/06/02 (02-008)

Monitoring Activities for the DOE West Valley Demonstration Project 0102

0111

03/04/02 (02-006)

**Program Management Reports** 0200

> 0230 Morning Report 10/30/92 (92-011)

0300 Inspection Policy

> Announced and Unannounced Inspections 03/24/94 (94-010) 0300 0301 Coordination of NRC Visits to Commercial Reactor Sitès 08/24/01 (01-016)
> Inspection Program Evaluation Activities 09/27/95 (95-013)
> Item Reporting 11/30/99 (99-019) 0302 0303 0304 Plant Performance Review 09/26/96 (96-020) Operating Reactor Assessment Program 02/11/02 (02-005) 0305 Reactor Oversight Process Self-Assessment Program 0307

> > 04/12/01 (01-012)

Issue Date: 10/18/02 - 1 -TABLE OF CONTENTS

<sup>&</sup>lt;sup>1</sup>The date and numbers in parentheses to the right of the chapter/inspection procedure title are the issue date and the change notice number under which the title was issued.

# CHAPTER O312 Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023) O330 Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015) O350 Staff Guidelines for Oversight of Operating Reactor Facilities in an Extended Shutdown as a Result of Significant Performance Problems

03/06/01 (01-006)

# 0400 Enforcement Policy

# 0500 <u>Tracking Systems</u>

# 0600 <u>Documentation of Program Findings</u>

0608	Performance Indicator Program 04/16/02 (02-017)
0609	Significance Determination Process 04/30/02 (02-022)
0609.01	Enforcement Review Panel 04/30/02 (02-022)
0609.02	Process For Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 04/30/02 (02-022)
0609.03	Senior Reactor Analyst Support Objectives 08/16/01 (01-015)
0609 App A	Significance Determination of Reactor Inspection Findings For At-Power Situations 03/18/02 (02-009)
0609 App B	Emergency Preparedness Significance Determination Process 12/29/00 (00-030)
0609 App C	Occupational Radiation Safety Significance Determination Process 03/06/02 (02-008)
0609 App D	Public Radiation Safety Significance Determination Process 03/06/02 (02-008)
0609 App E	Interim Physical Protection - Significance Determination Process 08/14/01 (01-014)
0609 App F	Fire Protection Significance Determination Process 02/27/01 (01-005)
0609. App F.	Application of Fire Protection Risk-Significant Screening Methodology to
	Hypothetical Cases 02/27/01 (01-005)
	Additional Guidance for the Assessment of Findings Using Significance
Att. 2	
0609 App G	Shutdown Operations Significance Determination Process
• • •	02/27/01 (01-005)
0609 App H	Containment Integrity Significance Determination Process 04/21/00 (00-007)
0609 App I	Operator Requalification - Human Performance Significance Determination Process 03/27/02 (02-011)
0610	Inspection Reports 06/22/98 (98-009)
0612	Power Reactor Inspection Reports 04/29/02 (02-021)
0620	Inspection Documents and Records 07/08/96 (96-015)
0020	inspection 2 decimente and records of 700,000 (00 010)

# **PART CHAPTER** 0630 Analysis of the Impact of Noncompliance with Physical Security Requirements 10/01/82 (82-09) 0700 Communications With Licensees 0720 Nuclear Regulatory Commission Generic Communications Regarding Nuclear Reactor Issues 03/21/94 (94-009) Generic Communications Regarding Materials and Fuel Cycle Issues 0730 11/15/99 (99-018) 0800 Feedback - Improving the Regulatory Process 0801 Reactor Oversight Process Feedback Program 03/05/02 (02-007) 0900 Reporting of Events/Incidents 0970 Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024) 1000 Regional Office Program Interfaces Interfacing Activities Between Regional Offices of NRC and OSHA 1007 02/07/02 (02-004) 1100 Notifications of Meetings and Conferences 1100 Notification of Significant Meetings 08/06/87 (87-27) 1110 Potential Abnormal Occurrences 04/25/78 (78-13) Preliminary Notifications 12/27/94 (94-021) 1120 1200 Inspector Requirements Conduct of Employees 06/29/99 (99-010) 1201 1202 Senior Resident Inspector Site Turnover 01/17/02 (02-001) Processing of NRC Form 241, "Report of Proposed Activities In 1220 Non-Agreement States," Areas of Exclusive Federal Jurisdiction and Offshore Waters, and Inspection of Agreement State Licensees Operating Under 10 CFR 150.20 06/06/02 (02-023) Procedures and Guidelines For Processing NRC Form 241 1220, APP I 06/06/02 (02-023)

1220, APP II Procedures Letter to be Sent to Licensees With Procedures and

Information for Filing NRC Form 241 06/06/02 (02-023)

DADT		
<u>PART</u>	<u>CHAPTER</u>	
	0220. App III 1220/001	Inspection of Agreement State Licensees 06/06/02 (02-023) Inspection of Agreement State Licensees Operating Under 10 CFR 150.20 02/13/01 (01-004)
	1230	Quality Assurance Program for Radiological Confirmatory Measurements 10/01/83 (83-12)
	1232	Collection, Preparation, and Shipment of Independent Measurement Samples 11/18/86 (86-52)
	1240	Inspector Access at Power Reactors 09/18/81 (81-23)
	1245	Qualification Program For the Office of Nuclear Reactor Regulation Programs 04/05/02 (02-014)
	1245 Att 1	General Overview of the Inspector Training and Qualification Program 04/05/02 (02-014)
	1245 Att 2	Inspector Competencies 04/05/02 (02-014)
	1245 Att3	General Orientation Topics 04/05/02 (02-014)
	1245 APP A	Basic-Level Training and Qualification Journal 04/05/02 (02-014)
	1245 APP B	General Proficiency-Level Training and Qualification Journal 04/05/02 (02-014)
	1245 C1	Reactor Operations Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)
	1245 C2	Reactor Engineering Inspection Technical Proficiency Qualification Journal 04/05/02 (02-014)
	1245 C3	Reactor Health Physics Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)
	1245 C4	Reactor Safeguards Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)
	1245 C5	Research and Test Reactor Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)
	1245 C6	Emergency Preparedness Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)
	1245 C7	Reactor Decommissioning Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)
	1245 D1	Senior Reactor Analyst Training and Qualification Program 07/01/02 (02-025)
	1245 D2	Operator Licensing Examiner Training and Qualification Program 04/05/02 (02-014)
	1245 D3	Engineering Specialties Training Areas 04/05/02 (02-014)
	1245 D4	Vendor Inspector Training and Qualification Program 04/05/02 (02-014)
	1246	Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002)
	1246 APP A	Training Activities 01/05/01 (01-002)
	Sec. I	Materials License Reviewer 01/05/01 (01-002)
	Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
	Sec. III	Fuel Cycle Safety Inspector 01/05/01 (01-002)
	Sec. IV	Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002)
	Sec. V	NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002)
	Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage System Safety Inspector 01/05/01 (01-002)

Cŀ	AH	PT	Έ	R

Sec. VII	Fuel Cycle License Reviewer 01/05/01 (01-002)
Sec. VIII	Waste Management Inspectors and License Reviewers
	01/05/01 (01-002)
Sec. IX	Decommissioning Inspectors 01/05/01 (01-002)
Sec. X	Decommissioning Project Managers/Technical Reviewers
	04/19/02 (02-019)
Sec. XI	Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer
	01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 01/05/01 (01-002)
Sec. XV	High-Level Waste Repository License Technical Review
	01/05/01 (01-002)
1246 APP B	NRC Inspector, License Reviewer and Project Manager/Technical
	Reviewer Training and Qualification Journal 01/05/01 (01-002)
Sec. I	Materials License Reviewer 01/05/01 (01-002)
Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
Sec. III	Fuel Cycle Safety Inspector 01/05/01 (01-002)
Sec. IV	Fuel Cycle Safeguards Inspector - Physical Security 01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material Control
	and Accounting (MC&A) 01/05/01 (01-002)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage System
	Safety Inspector 01/05/01 (01-002)
Sec. VII	Fuel cycle License Reviewer 01/05/01 (01-002)
Sec. VIII	Waste Management Inspector and License Reviewer 01/05/01 (01-002)
Sec. IX	Decommissioning Inspector 01/05/01 (01-002)
Sec. X	Decommissioning Project Manager/Technical Reviewer
	04/19/02 (02-019)
Sec. XI	Materials Exempt Distribution License Reviewer
	01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer
	01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 01/05/01 (01-002)
Sec. XV	High-Level Waste Repository License Technical Reviewer
<b>300.711</b>	01/05/01 (01-002)
	· · · · · · · · · · · · · · · · · · ·

# 1300 <u>Incident Response</u>

1301	Response to Non-Emergency Incidents Involving Radioactive Material 10/20/00 (00-022)
1302	Action Levels For Radiation Exposures and Contamination Associated With Materials Events Involving Members of the Public 12/31/97 (97-019)
1303	Requesting Emergency Acceptance of Radioactive Material by the U.S. Department of Energy (DOE) 07/27/95 (95-009)

<u>PART</u>		
	<u>CHAPTER</u>	
	1330	Response to Transportation Accidents Involving Radioactive Materials 03/04/02 (02-006)
	1360	Use of Physician and Scientific Consultants in the Medical Consultant Program 04/24/02 (02-020)
1400	Reserved	
	1415	State Contracts for Environmental Monitoring 06/28/91 (91-009)
1500	Reserved	
1600	Emergency P	<u>reparedness</u>
	1601	Communication Protocol For Assessing Offsite Emergency Preparedness Following a Natural Disaster 09/02/97 (97-013)
1700	Reserved	
1800	Reserved	
1900	Reserved	
2000	Reserved	
2100	Reserved	
2200	Reserved	
2300	High Level W	<u>aste</u>
	2300	Yucca Mountain Pre-Operation Inspection Program 06/20/01 (01-013)
2400	Low Level Wa	aste Program
	2401	Near-Surface Low-Level Radioactive Waste Disposal Facility Inspection
	2410	Program 11/27/01 (01-028) Conduct of Observation Audits 07/12/00 (00-012)

# **CHAPTER**

# 2500 Reactor Inspection Program

2501	Nuclear Reactor Inspection Program - Early Site Permit) 10/08/02 (02-036)
2514	Light Water Reactor Inspection Program - Startup Testing Phase 08/21/89 (89-013)
2514 App A	Startup Test Program Inspection Procedures 04/15/94 (94-018)
2515	Reactor Inspection Program - Operations Phase 07/09/02 (02-027)
2515 App A	Risk-Informed Baseline Inspection Program 01/17/02 (02-001)
2515 App B	Supplemental Inspection Program 01/17/02 (02-001)
2515 App C	Special and Infrequently Performed Inspections 03/06/01 (01-006)
2515 App D	Plant status 01/17/02 (02-001)
2515/142	Draindown During Shutdown and Common-Mode Failure (NRC Generic Letter 98-02)) 06/18/99 (99-009)
2515/145	Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin 2001-01) 09/20/01 (01-018)
2515/146	Hydrogen Storage Locations 04/18/02 (02-018)
2515/147	Expanded Table-Top Drill Evaluation 08/14/02 (02-030) (Note this TI contains safeguards material)
2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory
Rev. 1	Measures 09/13/02 (02-033)
2515/149	Mitigating systems Performance Index Pilot Verification 09/24/02 (02-034)
2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02) 10/18/02 (02-037)
2516	Policy and Guidance For The License Renewal Inspection Program 04/10/02 (02-016)
2530	Integrated Design Inspection Program 04/24/85 (85-17)
2535	Design Verification Programs 03/24/89 (89-007)
2545	Research and Test Reactor Inspection Program - Operations Phase 06/13/85 (85-23)
2561	Decommissioning Power Reactor Inspection Program 08/11/97 (97-012)
2561/003	Re-Examination of Year 2000 (Y2K) Program Activities at Selected Decommissioning Reactors 11/30/99 (99-019)

# 2600 Fuel Cycle Facility Inspection Program

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection
	Program 09/30/02 (02-035)
2600/002	Fuel Cycle Inspections of Licensees in States Which Have Been Denied
	Access to Low-Level Waste Disposal Facilities 03/11/91 (91-004)
2600/003	Operational Safety Review 01/27/99 (99-001)
2600/004	Headquarters Inspections of Critical Mass and Rare-Earth Fuel Cycle
	Licensees 01/27/99 (99-001)
2600/005	Criticality Safety Programs at Fuel Cycle Facilities 10/12/99 (99-017)

PART		
FANI	<b>CHAPTER</b>	
	2600/006	Resident Inspection Program for Category I Fuel Cycle Facilities 07/12/00 (00-012)
	2600/007	Interim Guidance For Fuel Cycle Facility Core Inspection Program 08/25/00 (00-014)
	2600/008	Inspection Guidance and Requirements for Interim Compensatory Measures (ICMs) at the Honeywell Conversion Plant, Metropolis, Illinois 07/11/02 (02-028)
	2601	Team Assessments of Fuel Cycle and Materials Licensees 05/04/90 (90-004)
	2602	Decommissioning Inspection Program For Fuel Cycle Facilities and Materials Licensees 06/04/97 (97-007)
	2603	Inspection of the Nuclear Chemical Process Safety Program at Fuel Cycle Facilities 01/16/96 (96-001)
	2603/001	Chemical Safety Inspections of Fuel Cycle Licensees 01/16/96 (96-001)
	2604	Licensee Performance Review 06/28/02 (02-024)
	2605	Decommissioning Procedures For Fuel Cycle and Material Licensees 11/12/96 (96-022)
	2610	Inspection Program at Nuclear Fuel Services Plant Erwin, Tennessee 01/09/86 (86-01)
	2620	On-Site Construction Reviews of Remedial Action at Inactive Uranium Mill Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act) 10/05/01 (01-020)
	2630	Gaseous Diffusion Plant Operational Safety and Safeguards Inspection Program 12/30/96 (96-026)
	2641	In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
	2681	Physical Protection and Transport of SNM and Irradiated Fuel Inspections of Fuel Facilities 09/26/96 (96-020)
	2681/05	Physical Security Inspection For Category I Fuel Cycle Facilities 05/04/90 (90-004)
	2681/06	Protected Area Housekeeping 07/10/90 (90-006)
	2682	Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)
	2683	MC&A Safeguards Inspection of Fuel Facilities 07/22/99 (99-011)
	2690	Inspection Program For Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations 12/03/01 (01-029)
	2690 App A	Inspection Program for an ISFSI Located at a Reactor Site 12/03/01 (01-029)
	2690 App B	Inspection Program for an ISFSI Located Away From Any Reactor Site 12/03/01 (01-029)

# 2700 Licensee Contractor and Vendor Inspection Program

Vendor Inspection Program (VIP) 10/29/90 (90-013) 2700

# **CHAPTER**

# 2800 <u>Materials Inspection Program</u>

2800 2800/026	Materials Inspection Program 12/01/00 (00-026) Followup Inspection of Formerly-Licensed Sites Identified as Potentially Contaminated 07/12/00 (00-012)
2800/029	Nuclear Medicine Programs 02/07/02 (02-004)
Rev. 2	
2800/030	Verification of the Status of Devices Authorized For Use Under a General License 05/30/00 (00-011)
2800/031	Extremity Exposure Monitoring 12/14/00 (00-031)
2800/032	Followup - Materials Safeguard Advisory 10/31/01 (01-023)
2800/033	Revised Materials Inspection Program 04/02/02 (02-013)
2801	Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810	Master Materials License Inspection Program 02/28/00 (00-002)
2815	Construction and Preoperational Inspection of Panoramic, Wet-Source- Storage Gamma Irradiators 03/27/01 (01-010)
2882	Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)

# 2900 Performance Appraisal Program

2900	Performance Appraisal Program DI 04/04/85 (85-14)
2901	Team Inspections 08/24/01 (01-016)
2920	Construction Appraisal Team Inspection Program 03/29/85 (85-11)

# 3000 Management Meetings

30800B Initial Management Meeting - Materials Licensees 10/01/76 (76-26)

3100 Reserved

3200 Reserved

3300 Reserved

3400 Reserved

# 3500 Quality Assurance

35501 QA for the Startup Test Program 01/20/84 (84-04) 35701 Quality Assurance Program Review 09/17/01 (01-017)

Issue Date: 10/18/02 - 9 - TABLE OF CONTENTS

## PART **PROCEDURE** 3600 Organization and Administration 36100 10 CFR Part 21 Inspections at Nuclear Power Reactors 08/30/91 (91-011) 36800 Organization 09/17/01(01-017) Organization, Management, and Cost Controls at Permanently 36801 Shutdown Reactors 08/11/97 (97-012) Design, Design Changes, Modifications 3700 37001 10 CFR 50.59 Safety Evaluation Program 06/24/98 (98-010) Engineering 11/15/99 (99-018) 37550 Onsite Engineering 06/24/98 (98-010) 37551 Design Changes, and Modifications 09/17/01 (01-017) 37700 37801 Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012) 3800 Procurement 38703 Commercial Grade Dedication 04/08/96 (96-007) 3900 Records 39701 Records Program 09/17/01 (01-017) Class I Non-Power Reactors Organization and Operations and 39745 Maintenance Activities 08/07/92 (92-009) Review and Audit 4000 40001 Resolution of Employee Concerns 06/03/97 (97-006) Inspections to Review Allegations 06/28/02 (02-024) 40002 Effectiveness of Licensee Process to Identify, Resolve, and Prevent 40500 Problems 05/03/99 (99-008) 40745 Class I Non-Power Reactor Review and Audit and Design Change Functions 08/07/92 (92-009) Class III Non-Power Reactors 08/07/92 (92-009) 40755 Self-Assessment, Auditing, and Corrective Action at Permanently 40801

# 4100 Training

41500 Training and Qualification Effectiveness 06/13/95 (95-007)

Shutdown Reactors 08/11/97 (97-012)

<u>PART</u>	PROCEDURE		
4200	Procedures Procedures		
	42001 42700 42745	Emergency Operating Procedures 06/28/91 (91-009) Plant Procedures 11/15/95 (95-015) Class I Non-Power Reactor Procedures 08/07/92 (92-009)	
4300	Vendor Proce	<u>dures</u>	
	43001	Reactive Inspection of Nuclear Vendors 10/11/94 (94-018)	
4400	Reserved		
4500	Geotechnical/	<u>Foundation</u>	
4600	Structural Concrete		
4700	Containment (Post-Tensioning)		
4800	Structural Ste	el and Supports	
4900	<u>Piping</u>		
	49001 49055	Inspection of Erosion/Corrosion Monitoring Programs 12/11/98 (98-019) Reactor Coolant Pressure Boundary Piping Record Review 08/16/82 (82-07)	
5000	Mechanical C	omponents and Equipment	
	50001 50002	Steam Generator Replacement Inspection 09/06/00 (00-015) Steam Generators 12/31/96 (96-024)	
5100	Electrical Con	nponents and Systems	
5200	Instrumentation	on Systems and Components	
	52001 52002	Digital Retrofits Receiving Prior Approval 03/02/98 (98-003) Digital Retrofits Not Receiving Prior Approval 03/02/98 (98-003)	

<u>PART</u>	PROCEDURE	<u> </u>	
<b>-</b> 200	Containment Penetrations		
5300	Containment i	Penetrations	
5400	Cleanliness		
5500	Welding		
	55050 55100	Nuclear Welding General Inspection Procedure 06/20/83 (83-06) Structural Welding General Inspection Procedure 06/20/83 (83-06)	
5600	Calibration		
5700	Nondestructiv	e Examination, Destructive Examination and Fabrication Testing	
	57050 57060 57070 57080 57090	Visual Testing Examination 03/09/99 (99-003) Liquid Penetrant Testing Examination 03/09/99 (99-003) Magnetic Particle Testing Examination 03/09/99 (99-003) Ultrasonic Testing Examination 03/09/99 (99-003) Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005)	
5800	Special Proce	<u>sses</u>	
5900	Reserve Shute	down System	
6000	Fuel Fabrication	on, Handling and Storage	
	60705 60710 60745 60801	Preparation for Refueling 07/27/95 (95-009) Refueling Activities 07/27/95 (95-009) Class I Non-Power Reactor Fuel Movement 10/03/94 (94-017) Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012) Design Control of ISFSI Components 05/22/00 (00-010)	
	60852 I 60853	SFSI Component Fabrication By Outside Fabricators 07/12/00 (00-012) On-Site Fabrication of Components and Construction of an ISFSI 09/07/00 (00-016)	
	60854 60855 60856	Preoperational Testing of an ISFSI 03/28/02 (02-012) Operation of an ISFSI 03/28/02 (02-012) Review of 10 CFR 72.212(b) Evaluations 11/30/99 (99-019) Povious of 10 CFR 72.48 Evaluations 03/09/01 (01-007)	

## PART **PROCEDURE** 6100 Surveillance 61705 Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25) 61706 Core Thermal Power Evaluation 07/14/86 (86-36) 61707 Determination of Reactor Shutdown Margin 10/11/85 (85-31) Isothermal and Moderator Temperature Coefficient Determinations 61708 10/11/85 (85-31) Total Power Coefficient of Reactivity at Pressurized Water Reactors 61709 07/14/86 (86-36) Control Rod Worth Measurements (PWR) 10/11/85 (85-31) 61710 Verification of Containment Integrity 12/23/86 (86-60) 61715 Containment Local Leak Rate Testing 10/03/85 (85-30) 61720 61726 Surveillance Observations 06/24/98 (98-010) Independent Measurement of RCS Leak Rates for a PWR 61728 01/01/84 (84-02) 61745 Class I Non-Power Reactor Surveillance 08/07/92 (92-009) 6200 Maintenance 62002 Inspection of Structures, Passive Components, and Civil Engineering Features at Nuclear Power Plants 12/31/96 (96-024) Inspection of Steel and Concrete Containments at Nuclear Power Plants 62003 06/11/97 (97-008) Maintenance Rule 12/13/00 (00-028) 62706 Configuration Risk Assessment and Risk Management Process 62709 12/28/00 (00-029) Power-Operated Gate Valve Pressure Locking and Thermal Binding 62710 01/17/02 (02-001) Motor-Operated Valve Capability 09/12/00 (00-018) 62708 Maintenance and Surveillance at Permanently Shutdown Reactors 62801 08/11/97 (97-012) 6300 Construction Testing 6400 Fire Prevention/Protection 64704 Fire Protection Program 06/24/98 (98-010) 6500 Reserved 6600 Reserved

6700 Reserved

<u>PART</u>	PROCEDURE	
6800	Reserved	
6900	Non-Power R	eactor Inspection
	69001 69003	Class II Non-Power Reactors 04/09/97 (97-004) Class I Non-Power Reactor Operator Licenses, Requalification, and Medical Activities 04/09/97 (97-004)
	69004	Class I Non-Power Reactor Effluent and Environmental Monitoring 04//09/97 (97-004)
	69005	Class I Non-Power Reactor Experiments 04/09/97 (97-004)
7000	Preoperationa	al Testing
	70307	Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13)
	70313 70323 70370	Containment Integrated Leak Rate Test 11/12/85 (85-36) Containment Leak Rate Test Results Evaluation 10/03/85 (85-30) Testing Piping Support and Restraint Systems 03/07/86 (86-13)
7100	Operations (License & TS Requirements)	
	71001	Licensed Operator Requalification Program Evaluation 07/23/98 (98-011)
	71002	License Renewal Inspection 09/18/00 (00-019)
	71004 71111	Power Uprate 07/09/02 (02-027) Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 12/11/00 (00-024)
	71111.01	Adverse Weather Protection 01/17/02 (02-001)
	71111.02	Evaluation of changes, Tests, or Experiments 01/17/02 (02-001)
	71111.04 71111.05	Equipment Alignment 01/17/02 (02-001) Fire Protection 03/23/01 (01-009)
	71111.06	Flood Protection Measures 01/17/02 (02-001)
	71111.07	Heat Sink Performance 01/17/02 (02-001)
	71111.08	Inservice Inspection Activities 10/11/01 (01-021)
	71111.11	Licensed Operator Requalification Program 08/20/02 (02-031)
	71111.12	Maintenance Effectiveness 07/01/02 (02-025)
	71111.13	Maintenance Risk Assessments and Emergent Work Evaluation 01/17/02 (02-001)
	71111.14	Personnel Performance Related to Nonroutine Plant Evolutions and Events 03/27/02 (02-011)
	71111.15	Operability Evaluations 01/17/02 (02-001)
	71111.16	Operator Workarounds 01/17/02 (02-001)
	71111.17	Permanent Plant modifications 01/17/02 (02-001)
	71111.19	Post Maintenance Testing 01/17/02 (02-001)
	71111.20 71111.21	Refueling and Outage Activities 01/17/02 (02-001) Safety system Design and Performance Capability 04/03/00 (00-003)

PART		
	PROCEDURE	<u> </u>
	71111.22	Surveillance Testing 01/17/02 (02-001)
	71111.23	Temporary Plant Modifications 01/17/02 (02-001)
	71114	Reactor Safety-Emergency Preparedness 07/09/02 (02-027)
	71114.01	Exercise Evaluation 07/09/02 (02-027)
	71114.02	Alert and Notification System Testing 07/09/02 (02-027)
	71114.03	Emergency Response Organization Augmentation Testing
	71111.00	07/09/02 (02-027)
	71114.04	Emergency Action Level and Emergency Plan Changes 07/09/02 (02-027)
	71114.05	Correction of emergency Preparedness Weaknesses and Deficiencies 07/09/02 (02-027)
	71114.06	Drill Evaluation 07/09/02 (02-027)
	71121	Occupational Radiation Safety 03/06/02 (02-008)
	71121.01	Access Control to Radiologically Significant Areas 03/06/02 (02-008)
	71121.02	ALARA Planning and Controls 03/06/08 (02-008)
	71121.03	Radiation Monitoring Instrumentation 03/06/02 (02-008)
	71122	Public Radiation Safety 04/03/00 (00-003)
	71122.01	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems 03/06/02 (02-008)
	71122.02	Radioactive Material Processing and Transportation 03/06/02 (02-008)
	71122.03	Radiological Environmental Monitoring Program (REMP) 03/06/02 (02-008)
	71130	Physical Protection 04/03/00 (00-003)
	71130.01	Access Authorization (AA) Program (Behavior Observation Only) 04/05/02 (02-015)
	71130.02	Access Control (Search of Personnel, Packages, and Vehicles Identification and Authorization 04/05/02 (02-015)
	71130.03	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy) 09/12/00 (00-018)
	71130.04	Security Plan Changes 04/05/02 (02-015)
	71150.61	Discrepant or Unreported Performance Indicator Data 03/06/01 (01-006)
	71151	Performance Indicator Verification 04/16/02 (02-017)
	71152	Identification and Resolution of Problems 01/17/02 (02-001)
	71153	Event Followup 04/16/02 (02-017)
	71707	Plant Operations 12/31/98 (98-020)
	71714	Cold Weather Preparations 09/17/01 (01-017)
	71715	Sustained Control Room and Plant Observation 04/14/92 (92-004)
	71750	Plant Support Activities 06/24/98 (98-010)
	71801	Decommissioning Performance and Status Review at Permanently Shutdown Reactors 08/11/97 (97-012)
	71841	Human Performance 12/12/00 (00-027)
	71846B	Review of Conduct of Operations 10/01/76 (76-24)

# 7200 Startup Testing

72300	Startup Test Procedure Review 01/20/84 (84-04)	
72301	Startup Test Results Evaluation 01/20/84 (84-04)	
72302	Startup Test Witnessing and Observation 01/20/84 (	84-04)

- 15 - TABLE OF CONTENTS Issue Date: 10/18/02

<u>PART</u>	
<u>PROCEDI</u>	<u>JRE</u>
72400B	Overall Startup Test Program 07/01/80 (80-16)
72500B	Initial Fuel Loading Procedure 04/30/75 (75-16)
72502B	Initial Criticality Procedure Review (BWR) 04/30/75 (75-16)
72504B	Heatup Phase Procedure Review 04/30/75 (75-16)
72508B	Power Ascension Procedure Review: HPCI System 07/01/80 (80-16)
72509B	Power Ascension Procedure Review: Control Rod Drive System 07/01/80 (80-16)
72510B	Power Ascension Procedure Review - Relief Valves and MSIVs 04/30/75 (75-16)
72512B	Startup Test Procedure Review - RCIC or Recirculation Pump Trip 04/30/75 (75-16)
72514B	Startup Test Procedure Review - Turbine Trip/Generator Trip 07/01/80 (80-16)
72516B	Startup Test Procedure Review - Shutdown From Outside the Control Room (Group A) 07/01/80 (80-16)
72517B	Startup Test Procedure Review: Loss of Offsite Power (Group A & B) 07/01/80 (80-16)
72518B	Startup Test Procedure Review - Core Performance 07/01/80 (80-16)
72516B 72524	Initial Fuel Loading Witnessing 01/20/84 (84-04)
72526	BWR Initial Criticality Witnessing 01/20/84 (84-04)
72532	Power Level Plateau Data Review (BWR) 01/20/84 (84-04)
72564B	Precritical Test Procedure Review - Protective Trip Circuit or Rod Drop
	Measurement 07/01/80 (80-16)
72566B	Precritical Test Procedure Review - RES Lead Test or Pressurizer Effectiveness 07/01/80 (80-16)
72570B	Initial Criticality Procedure Review (PWR) 07/01/80 (80-16)
72572B	Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16)
72576B	Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16)
72578B	Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16)
72580B	Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16)
72582B	Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16)
72583B	Power Ascension Test Procedure Review: Shutdown from Outside the
720000	Control Room (Group B) 07/01/80 (80-16)
72584B	Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry
	or Pseudo Rod Ejection Test 04/30/75 (75-16)
72592	PWR Initial Criticality Witnessing 01/20/84 (84-04)
72596B	Precritical Data Review 07/01/80 (80-16)
72600B	Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16)
72608B	Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16)
72616B	Power Level Plateau Data Review (75% PWR) 07/01/80 (80-16)
72624B	Power Level Plateau Data Review (100% PWR) 07/01/80 (80-16)
72701	Modification Testing 04/14/92 (92-004)

# PART **PROCEDURE** 7300 Inservice Inspection 73051 Inservice Inspection - Review of Program 01/14/86 (86-03) 73052 Inservice Inspection - Review of Procedures 01/14/86 (86-03) 73753 Inservice Inspection 06/24/98 (98-010) Inservice Inspection - Data Review and Evaluation 01/14/86 (86-03) 73755 73756 Inservice Testing of Pumps and Valves 07/27/95 (95-009) 7400 Reserved 7500 Reserved 7600 Reserved 7700 Reserved 7800 **High Level Waste** 7900 Water Chemistry 79702 Control and monitoring of Radiological Source Term 04/17/00 (00-006) **Environmental Protection** 8000 Radiological Environmental Monitoring 09/17/01 (01-017) 80721 8100 Physical Security 81001 Independent Spent Fuel Storage Installations 09/17/01 (01-017) 81018 Security Plan and Implementing Procedures 05/09/84 (84-15) 81020 Management Effectiveness - Security Program 05/09/84 (84-15) 81022 Security Organization 05/09/84 (84-15) Security Program Audit 05/09/84 (84-15) 81034 Records and Reports 05/09/84 (84-15) 81038 Testing and Maintenance 05/09/84 (84-15) 81042 81046 Locks, Keys, and Combinations 05/09/84 (84-15) Physical Barriers - Protected Areas 05/09/84 (84-15) 81052 Physical Barriers - Vital Areas, Material Access Areas, and Controlled 81054 Access Areas 05/09/84 (84-15) Security System Power Supply 05/09/84 (84-15) 81058

Issue Date: 10/18/02 - 17 - TABLE OF CONTENTS

Lighting 05/09/84 (84-15)

81062

# PROCEDURE 81064 Compensatory Measures 05/09/84 (84-15) 81066 Assessment Aids 05/09/84 (84-15) 81070 Access Control - Personnel 05/09/84 (84-15)

81072	Access Control (Power Reactor) - Packages 05/09/84 (84-15)
81073	Access Control (Fuel Facility) - Packages, Material, and SSNM
	05/09/84 (84-15)

81074 Access Control - Vehicles 05/09/84 (84-15) 81078 Detection Aids - Protected Areas 05/09/84 (84-15) 81080 Detection Aids - VA, MAA, and CAA 05/09/84 (84-15)

81084 Alarm Stations 05/09/84 (84-15) 81088 Communications 05/09/84 (84-15)

81110 Operational Safeguards Response Evaluation (OSRE) 09/08/00 (00-017) 81310 Physical Protection of Shipments of Irradiated Fuel 02/20/86 (86-09)

Physical Protection of Shipments of SNM of Moderate Strategic Significance (MSNM) 02/20/86 (86-09)

Physical Protection of Shipments of SNM of Low Strategic Significance (LSNM) 02/20/86 (86-09)

General Requirements for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 08/20/86 (86-40)

81365 Records, Reports, and Planning for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 08/20/86 (86-40)

Specific Requirements for Physical Protection of Formula Quantities of Special Nuclear Materials in Transit 08/20/86 (86-40)

81401 Plans, Procedures, and Reviews 09/17/01 (01-017 81402 Reports of Safeguards Events 06/13/85 (85-23)

Receipt of New Fuel at Reactor Facilities 09/17/01 (01-017)

Physical Protection for Reactors with Formula Quantities of Special Nuclear Material 11/04/85 (85-34)

Fixed Site Physical Protection of Special Nuclear Material of Moderate Strategic Significance 06/13/85 (85-23)

Fixed Site Physical Protection of Special Nuclear Material of Low Strategic Significance 09/17/01 (01-017)

Personnel Training and Qualification - General Requirements 05/09/84 (84-15)

81502 Fitness For Duty Program 05/31/91 (91-008)

Safeguards Contingency Plan - Implementation Review 05/09/84 (84-15)

Physical Security Program for Power Reactors 07/01/97 (97-010)

81810 Protection of Safeguards Information 02/09/87 (87-03)

81815 Authorizations for Access to National Security Information (NSI) and

Restricted Data (RD) 04/30/97 (97-005)

Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 04/30/97 (97-005)

81910 Alarm Stations 02/19/91 (91-003) 81911 Assessment 02/19/91 (91-003) 81912 Badge Control 02/19/91 (91-003)

81913 Communications 02/19/91 (91-003) 81914 Duress Alarms 02/19/91 (91-003)

81915 EECP Machine Performance - Explosive Detectors 02/19/91 (91-003) 81916 EECP Machine Performance - Metal Detectors 02/19/91 (91-003)

<u>PART</u>	PART PROCEDURE		
	PROCEDURI	<u>=</u>	
	81917 81918 81919 81920 81921 81922 81923 81924 81925 81926 81927 81928 81929	EECP Machine Performance - X-ray 02/19/91 (91-003) Emergency Power Supply 02/19/91 (91-003) Interior Alarms 02/19/91 (91-003) Intrusion Detection System 02/19/91 (91-003) Isolation Zone 02/19/91 (91-003) Keys, Locks, and Combinations 02/19/91 (91-003) Lighting 02/19/91 (91-003) MAA Barriers 02/19/91 (91-003) Personnel Searches 02/19/91 (91-003) Preventative Maintenance 02/19/91 (91-003) Protected Area Barriers 02/19/91 (91-003) Strategic Special Nuclear Material Exit Searches 02/19/91 (91-003)	
	81930	Tactical Response Team Exercises 02/19/91 (91-003)	
	81931	Vehicle Barriers 02/19/91 (91-003)	
	81932	Vehicle Escorts 02/19/91 (91-003)	
	81933	Vehicle Searches 03/18/91 (91-005)	
	81934	Warehouse Searches 03/18/91 (91-005)	
	81935	Weapons Qualification 02/19/91 (91-003)	
8200	Emergency P		
	82001	Evaluation of Emergency Preparedness 05/22/00 (00-010)	
	82301 82302	Evaluation of Exercises for Power Reactors 12/31/96 (96-024) Review of Exercise Objectives and Scenarios for Power Reactors	
	02302	06/24/98 (98-010)	
	82701	Operational Status of the Emergency Preparedness Program 12/31/96 (96-024)	
	82745	Research Reactor Emergency Plan 08/07/92 (92-009)	
8300	Radiation Pro	<u>stection</u>	
	83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)	
	<u> </u>	Significant Uncontrolled Padiation Exposures 04/17/00 (00-006)	

# 830

83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)
83501	Significant Uncontrolled Radiation Exposures 04/17/00 (00-006)
83502.01	Radioactive Gaseous and Liquid Treatment and Monitoring Systems 04/17/00 (00-006)
83502.02	Radioactive Material Process and Transportation 04/17/00 (00-006)
83502.03	Radiological Environmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006)
83521	Radiation Protection - Startup 01/01/84 (84-01)
83722	Radiation Protection, Plant Chemistry, and Radwaste: Organization and Management Controls (Minimum/Basic) 09/17/01 (01-017)
83723	General Employee, Radiation Safety, Plant Chemistry, Radwaste, and Transportation Training, 04/17/00, (00-006)

# PART PROCEDURE

	83724 83725 83726 83727 83728 83729 83743 83750 83801 83822 83890	External Occupational Exposure Control and Personal Dosimetry 04/17/00 (00-006) Internal Exposure Control and Assessment 04/17/00 (00-006) Control of Radioactive Materials and Contamination, Surveys, and Monitoring 09/17/01 (01-017) Facilities and Equipment (Basic) 09/17/01 (01-017) Maintaining Occupational Exposures ALARA 04/17/00 (00-006) Occupational Exposure During Extended Outages 12/31/91 (91-021) Class I Non-Power Reactors Radiation Protection 10/03/94 (94-017) Occupational Radiation Exposure 06/06/02 (02-023) Inspection of Final Surveys at Permanently Shutdown Reactors 01/28/02 (02-003) Radiation Protection 09/07/00 (00-016) Closeout Inspection and Survey 03/07/94 (94-004)
	83895 83895 Tbl I	Radiation Protection - Followup on Expired Licenses 11/08/83 (83-13) 07/11/85 (85-24)
		3771733 (33 2 1)
8400	Radioactive V	Vaste Management
	84100	Special Nuclear Material Inspections At Near Surface Low-Level Waste Disposal Facilities In Agreement States 11/27/01 (01-028)
	84101	Radioactive Waste Management 12/30/91 (91-022)
	84521 84750	Radwaste - Startup 01/01/84 (84-01) Radioactive Waste Treatment, and Effluent and Environmental Monitoring 03/15/94 (94-006)
	84850	Radioactive Waste Management - Inspection of Waste Generator Requirements of 10 CFR 20 and 10 CFR 61 06/06/02 (02-023)
	84900	Low-Level Radioactive Waste Storage 10/20/00 (00-022)
8500	Material Cont	rol and Accountability
	85102 85200	Material Control and Accounting - Reactors 03/29/85 (85-10) MC&A for Licensees Possessing Less Than or Equal to One Effective Kilogram of SNM 04/10/85 (85-15)
	85203 85205 85207	Facility Organization and Management Controls 01/17/86 (86-04) Facility Operations and Internal Controls 04/10/85 (85-15) Measurement Systems 01/17/86 (86-04)
	85207 85209	Measurement Control and Statistics 04/10/85 (85-15)
	85211 85215	Physical Inventory 01/17/86 (86-04) Records and Reports 01/17/86 (86-04)
	85301 85303	MC&A for Imports and Exports 07/18/84 (84-22) MC&A Management Structure and Personnel Training and Qualification
		03/18/91 (91-005)
	85305 85307	Item Monitoring 03/18/91 (91-005) Process Monitoring 03/18/91 (91-005)
	85309	Measurement Systems and Control 03/18/91 (91-005)

# PART PROCEDURE

8	5311	Physical Inventory 03/18/91 (91-005)
8	5313	Alarm Resolution 03/18/91 (91-005)
8	5315	Accounting and Internal Control 03/18/91 (91-005)
8	5401	Management Structure 07/22/99 (99-011)
8	5402	Measurement Control 07/22/99 (99-011)
8	5403	Measurement Control Program 07/22/99 (99-011)
8	5404	Physical Inventory 10/23/96 (96-021)
8	5405	Item Control Program 07/22/99 (99-011)
8	5406	Resolution Program 10/23/96 (96-021)
8	5407	Assessment Program 07/22/99 (99-011)
8	5408	Recordkeeping 07/22/99 (99-011)
8	5420	Inspection of IAEA Safeguards for Inspectors at Power Reactors 06/22/88 (88-07)
8	5425	Implementation of US/IAEA Safeguards Agreement at Fuel Facilities 06/22/88 (88-07)
8	5501	Inventory Program 07/22/99 (99-011)
8	5502	Detection Program 07/22/99 (99-011)
8	5503	Resolution Program 07/22/99 (99-011)

# 8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

86001	Design, Fabrication, Testing, and Maintenance of Transportation
	Packagings 02/07/02 (02-004)
86700	Spent Fuel Pool Activities 09/17/01 (01-017)
86730	Transportation of Radioactive Materials (49 CFR Parts 100-179 and
	10 CFR Part 71) 04/17/00 (00-006)
86740	Inspection of Transportation Activities 04/24/02 (02-020)
86750	Solid Radioactive Waste Management and Transportation of Radioactive
	Materials 03/15/94 (94-006)

# 8700 Materials Safety Inspection

87102	Maintaining Effluents From Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005)
87103	Inspection of Material Licensees Involved in an Incident or Bankruptcy Filing 11/03/00 (00-023)
87104	Decommissioning Inspection Procedure for Materials Licensees 07/29/02 (02-029)
87110	Industrial/Academic/Research Programs 04/05/99 (99-005)
87110A	Industrial/Academic/Research Inspection Record 06/18/99 (99-009)
87110B	Industrial/Academic/Research Inspection References 04/05/99 (99-005)
87111	Materials Processor/Manufacturer Programs 06/06/02 (02-023)
87111A	Materials Processor/Manufacturer Inspection Record 06/06/02 (02-023)
87111B	Materials Processor/Manufacturer Inspection References
	06/06/02 (02-023)
87112	Irradiator Programs 11/27/01 (01-027)
87112A	Irradiator Inspection Record 11/27/01 (01-027)

# PART PROCEDURE

87112B	Irradiator Inspection References 11/27/01 (01-027)
87113	Well Logging Programs 06/11/98 (98-008)
87113A	Well Logging Inspection Record 06/18/99 (99-009)
87113B	Well Logging Inspection References 06/18/98
87114	Fixed and Portable Gauge Programs 06/06/02 (02-023)
87114A	Fixed and Portable Gauge Inspection Record 06/06/02 (02-023)
87114B	Fixed and Portable Gauge Inspection References 06/11/98 (98-008)
87115	Nuclear Medicine Programs 08/28/00 (00-013)
87116	Medical Teletherapy Programs 08/28/00 (00-013)
87117	Radiopharmacy Programs 06/06/02 (02-023)
87117A	Radiopharmacy Inspection Record 06/06/02 (02-023)
87117B	Radiopharmacy Inspection References 06/06/02 (02-023)
87118	Brachytherapy Programs 08/28/00 (00-013)
87119	Medical Broad-Scope Programs 08/28/00 (00-013)
87120	Industrial Radiography Programs 05/03/99 (99-008)
87120A	Industrial Radiography Inspection Record 06/18/99 (99-009)
87120B	Industrial Radiography Inspection References 05/03/99 (99-008)
87250	Locating Missing Materials Licensees 10/29/01 (01-022)
87654	Uranium Mill, In-Situ Uranium Recovery, and 11e.(2) Byproduct
	Material Site Decommissioning Inspection 03/19/02 (02-010)

# 8800 Fuel Facility Inspection

88001	On-Site Construction 04/15/94 (94-011)
88002	Operational Event Review and Feedback Programs at Fuel Cycle
00002	Facilities 12/20/96 (96-025)
88003	Reactive Inspection For Events At Fuel Cycle Facilities
00003	08/10/98 (98-012)
99005	
88005	Management Organization and Controls 12/20/96 (96-025)
88010	Operator Training/Retraining 05/23/84 (84-17)
88015	Headquarters Nuclear Criticality Safety Program 12/20/96 (96-025)
88020	Regional Criticality Safety Inspection Program 12/20/96 (96-025)
88025	Maintenance and Surveillance Testing 05/23/84 (84-17)
88035	Radioactive Waste Management 05/23/84 (84-17)
88045	Environmental Protection 05/23/84 (84-17)
88050	Emergency Preparedness 04/08/96 (96-007)
88055	Fire Protection 01/14/91 (91-001)
88056	Process Safety Information 01/16/96 (96-001)
88057	Hazard Identification Information 01/16/96 (96-001)
88058	Standard Operating Procedures 01/16/96 (96-001)
88059	Site-Wide Safety Procedures 01/16/96 (96-001)
88060	Detection and Monitoring 01/16/96 (96-001)
88061	Chemical Safety Training 01/16/96 (96-001)
88062	Maintenance and Inspection 01/16/96 (96-001)
88063	Management of Change 01/16/96 (96-001)
88064	Emergency Response Procedures 01/16/96 (96-001)
88065	Incident Investigation 01/16/96 (96-001)
	· ,
88066	Audits and Inspection 01/16/96 (96-001)

# <u>PART</u>

# **PROCEDURE**

88100	Plant Operations 12/30/96 (96-026)
88101	Configuration Control 12/30/96 (96-026)
88102	Surveillance Observations 12/30/96 (96-026)
88103	Maintenance Observations 12/30/96 (96-026)
88104	Decommissioning Inspection Procedure For Fuel Cycle Facilities 07/03/02 (02-026)
88105	Management Organization and Controls 12/30/96 (96-026)

# 8900 Fuel Facility and Materials Special Program

89001 In-Situ Leach (ISL) Facilities 09/02/97 (97-013)

# 9000 Reportable Matters and Report Reviews

90501B	Reportable Matters - Startup Test Program 04/30/75 (75-16)
90712	Inoffice Review of Written Reports of Nonroutine Events at Power
	Reactor Facilities 12/31/98 (98-020)
90713	In Office Review of Periodic and Special Reports 09/17/01 (01-017)
90714	Nonroutine Reporting Program 09/17/01 (01-017)

# 9100 <u>Title 10 Requirements</u>

# 9200 Planned Non-Routine Activities

92050	Review of Quality Assurance For Extended Construction Delay 04/04/00 (00-005)
92700	Onsite Followup of Written Reports of Nonroutine Events at Power Reactor Facilities 12/31/98 (98-020)
92701	Followup 03/14/94 (94-005)
92702	Followup on Corrective Actions for Violations and Deviations 03/14/94 (94-005)
92703	Followup of Confirmatory Action Letters 11/08/01 (01-025)
92709	Licensee Plans for Coping With Strikes 08/21/92 (92-010)
92711	Continued Implementation of Strike Plans During an Extended Strike 08/21/92 (92-010)
92712	Resumption of Normal Operations After a Strike 08/21/92 (92-010)
92901	Followup - Plant Operations 09/17/01 (01-017)
92902	Followup - Maintenance 09/17/01 (01-017)
92903	Followup - Engineering 09/17/01 (01-017)
92904	Followup - Plant Support 09/17/01 (01-017)

# <u>PART</u>

# **PROCEDURE**

# 9300 Non-Routine Activities

93001	OHSA Interface Activities 05/22/89 (89-009)
93702	Prompt Onsite Response To Events At Operating Power Reactors 09/17/01 (01-017)
93800	Augmented Inspection Team 04/03/00 (00-003)
93801	Safety System Functional Inspection (SSFI) 07/25/96 (96-016)
93802	Operational Safety Team Inspection (OSTI) 11/27/89 (89-015) 04/27/89 (89-008)
93804	Risk-Based Operational Safety and Performance Inspection 01/15/92 (92-001)
93805	Maintenance Program 08/06/93 (93-070)
93806	Operational Readiness Assessment Team Inspections 09/29/98 (98-015)
93807	Systems Based Instrumentation and Control Inspection 01/29/93 (93-001)
93809	Safety System Engineering Inspection (SSEI) 06/23/97 (97-009)
93810	Service Water System Operational Performance Inspection (SWSOPI) 09/14/98 (98-013)
93811	Electrical Distribution System Functional Inspection (EDSFI) 02/03/99 (99-002)
93812	Special Inspection 03/06/01 (01-006)

# 9400 Technical Activities of an Administrative Nature

# 9500 <u>Strategic Determination Actions</u>

95001	Inspection for One or Two White Inputs in a Strategic Performance Area
	01/17/02 (02-001)
95002	Inspection for One Degraded Cornerstone or Any three White Inputs in a
	Strategic Performance Area 01/17/02 (02-001)
95003	Inspection for Repetitive Degraded Cornerstones, Multiple Degraded
	Cornerstones, Multiple Yellow Inputs, or One Red Input
	01/17/02 (02-001)
	,

9600 Reserved

9700 Reserved

9800 Reserved

# **TECHNICAL GUIDANCE**

# 9900 Guidance<sup>2</sup>

99000 Technical Guidance 05/12/86 (86-26) 99100 Health Physics Positions 10/30/92 (92-011)

# **Technical Guidance**

	<del></del>
Reg. Guide 1.16	Para. C.2.a(2) and C.2.b(2) - Reporting Requirements - Degraded Mode 04/01/79 (79-05)
Reg. Guide 1.16	Para. C.2.a(3) - Reporting Requirements - Abnormal Degradation 04/01/78 (78-11)
Reg. Guide 1.16	Para. C.2.a(4) - Reporting Requirements - Reactivity Anomalies 07/01/78 (78-24)
Reg. Guide 1.33	"Procedure Implementation" as used in Section 6.8.1 of Standard Technical Specifications 04/01/77 (77-05)
Reg. Guide 1.58	Qualifications of Nuclear Power Plant Inspection, Examination and Testing Personnel 04/01/77 (77-05)
ASME Secton III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
ASME Section III	American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
ASME Section IX	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section IX 05/12/86 (86-26)
ASME Section XI	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)
ASME Section XI	American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)
IEEE	Institute of Electrical and Electronic Engineers IEEE Standard 450 1975 05/12/86 (86-26)
ANSI	American National Standards Institute ANSI N18.7-1972 Section 5.1.5 05/12/86 (86-26)

Issue Date: 10/18/02 - 25 - TABLE OF CONTENTS

<sup>&</sup>lt;sup>2</sup> [XXXX.XX] attached to each document in Part 9900, is the file name for that document.

# **TECHNICAL GUIDANCE**

ANSI	ANSI N18.7, Section 5.2.7 - Design and Construction Type Activities Conducted During the Operations Phase (Maintenance and Modifications) 04/01/77 (77-05)
ANSI	ANSI N45.2.9, Section 5.5 - Records Storage Facility 1/01/82 (81-28)
ANSI	ANSI N45.2.9, Section 5.6 - NRC Criteria for Records Storage Facilities 07/01/80 (80-17)
ANSI	ANSI/ASME NQA-1-1989, Supplement 17S-1, Section 5 09/17/90 (CN-010) (90-010)
STS Sec 1.0	Operability 05/12/86 (86-26)
STS Sec 1.0	Definitions 12/08/86 (86-54)
STS Sec 1.0	Operable/Operability 10/31/91 (91-015)
STS Sec 3.0	Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)
STS Sec 3.0	Operability and Action Statement Requirements 07/01/80 (80-17)
STS Sec 3.0	Voluntary Entry Into Action Statement 01/01/82 (81-28)
STS Sec 3.0	Resolution of Degraded and Nonconforming Conditions 10/23/97 (97-018) [STS30DEG.TG]
STS Sec 3.0.3	Limiting Conditions for Operations 08/31/87 (87-30)
STS Sec 3.0 and Sec 4.0	Limiting Conditions for Operation and Surveillance Requirements 07/22/87 (87-26)
STS Sec 3/4.6.4	Containment and Drywell Isolation Valves 06/09/88 (88-06)
STS Sec 3.7.5	Ultimate Heat Sink 11/25/88 (88-17)
STS Sec 3/4.8.1	TDI Diesel Generator Air Roll Tests 06/09/88 (88-06)
STS Sec 4.2.8.X.X	Surveillance Requirements - 125-Volt Battery Bank 10/01/79 (79-22)
STS Sec 4.5.1	Standard Technical Specifications (BWR) 05/12/86 (86-26)
STS Sec 4.7.9	Surveillance of Snubber Piston Settings 04/01/81 (81-08)
STS Sec 4.7.9.1.a	Establishment of Visual Inspection Intervals for Snubbers 10/01/78 (78-35)

# **TECHNICAL GUIDANCE**

STS Sec 4.7.9.1(a)	Hydraulic Snubber Inspection Schedule 01/01/79 (78-48)
STS Sec 4.7.9.6	Operability of Hydraulic Snubbers With Empty Reservoirs 10/01/80 (80-24)
STS Sec 4.8.1.1.2 -	05/12/86 (86-26)
STS Sec 6.5.1	Onsite Committee Review of Unit Operations to Detect Potential Nuclear Safety Hazards 10/01/80 (80-24)
STS Sec 6.5.1.1	Licensee Review Responsibility for Matters Related to Nuclear Safety 01/01/82 (81-28)
STS Sec 6.5.1.6c and Sec 6.5	Licensee Review Responsibility for Proposed Changes to Facility Technical Specifications 01/01/82 (81-28)
STS Sec 6.5.2.8	Requirements for Off-Site Committee Audit Functions 10/01/78 (78-35)
STS Sec 6.9.1.7	Reporting Requirements - Reportable Occurrences 04/01/78 (78-11)
STS	Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)
STS Interp	Licensee Technical Specification Interpretations 02/03/97 (97-001)

# **Maintenance**

Voluntary Entry Into Limiting Conditions For Operation Action Statements To Perform Preventive Maintenance 01/17/02 (02-001)

Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011)

Filled Organic Coatings Used in Maintenance of Safety Related Equipment 10/11/94 (94-018)

Preconditioning of Structures, Systems, and Components (SSCs)
Before Determining Operability 09/28/98 (98-014) [PRECOND.TG]

# **Mechanical**

Freeze Plugs 06/14/93 (93-005)

Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014)

# **TECHNICAL GUIDANCE**

Steam Generator Tube-to-Secondary Leakage 10/11/01 (01-021) [SGTUBELKG.TG]

# **Operations**

Procedural Adherence 01/14/91 (91-001)

Notice of Enforcement Discretion 11/02/01 (01-024)[TG OpsNOED.wpd]

Notice of Enforcement Discretion For Gaseous Diffusion Plants 05/03/99 (99-008) [NOEDGAS.TG]

Safety and Compliance 09/09/97 (97-015) [SAFETY.TG]

# 10 CFR GUIDANCE

# 10 CFR GUIDANCE

·	
	CFR Discussions Containment Integrated Leak Rate Testing 12/08/86 (86-54)
	Title 10 of the Code of Federal Regulations 12/08/86 (86-54)
10 CFR 30	License Condition, "Used by or under the supervision of" 10/01/79 (79-23)
50	Byproduct Material Produced in Non-Power Reactors 09/30/88 (88-14)
50.34(a) & (b)	Status of PSAR After FSAR is Submitted 12/30/87 (87-39)
50.36	Changes to Facility Technical Specifications 01/01/77 (76-39)
50.54(o)	Guidance Relating to the Application of Appendix J -Primary Reactor Containment Leakage Testing for Water-Cooled Power Reactors 04/01/78 (78-11)
50.55(e)	Construction Deficiency Reporting 01/31/89 (89-002)
50.55a	Codes and Standards 02/22/73 (73-9)
50.55a(g)	Pump Operability Requirements 07/01/80 (80-17)
50.59	10 CFR 50.59, Changes, Tests, and Experiments 03/13/01 (01-008) [50_59.CFR]
50.109	Backfitting 01/01/82 (81-28)
Part 50, App A	Definition of Leak-Before-Break Analysis 09/26/96 (96-020)
Part 50, App B	Responsibility - Review and Approval of Licensee QA Plans for Operation 10/01/80 (80-24)
Part 50, App B	Applicability of Appendix B to Chemicals and Reagents 04/01/77 (77-05)
Part 50, App B	Criterion II - Maintenance of Proficiency for Personnel Performing Activities Affecting Quality 07/01/81 (81-19)
Part 50, App B	Criterion VII - Guidance - Use of Certificate of Conformance 04/01/80 (80-08)
Part 50, App B	Criterion VII - Guidance - Procurement of Spare and Replacement Parts 01/01/82 (81-28)

# **10 CFR GUIDANCE**

Part 50, App B Criterion VII - Control of Purchased Materials, Equipment and Services

06/02/71 (71-16)

Part 50, App B Criterion X & XVII - Inspection Documentation Guidance

01/14/88 (88-01)

Part 50 Appendix J, Containment Integrated Leak Rate Testing 12/08/86 (86-54)

70.51 Material Balance, Inventory, and Records Requirements

12/19/74 (74-11)

70.52 Report of Accidental Criticality or Loss of Special Nuclear Material

11/15/74 (74-010)

# <u>Interpretations</u>

Materials License Conditions - Interpretations 05/12/71 (71-12)

END